

STATE PLANNING BOARD [787]

WATER RESOURCES REPORTS, 1912-1941

.8 cu. ft. and 2 microfilm reels

DESCRIPTION: The water resources division of the State Planning Board collected the various reports contained in this series. The State Planning Board actively cooperated with federal, state, and local agencies for the development and conservation of water resources. Early in the development of state planning, these agencies began their studies by gathering data on a wide range of water resources subjects. Included are efficiency studies which measure water evaporation and supply forecasts; federal plans created by the National Resources Committee, the Federal Emergency Relief Administration, the Bureau of Reclamations, and other agencies; studies and data concerning the Great Salt Lake; ground water studies of the Salt Lake, Sanpete, and Woods Cross areas; precipitation studies; proposed projects including the Bingham - Tooele tunnel, the Lawrence Dam, the Provo River, the Vernon and Widtsoe additions, and power sites; reports on projects then under construction; reservoir studies, river basin surveys such as the Sevier, Great Salt Lake, Uintah, San Juan, and Fremont drainage areas; sewage control data; underwater regulations; Utah Lake studies; and Utah County water rights decrees. Many of these reports include maps of the areas under study.

ARRANGEMENT: These reports are arranged alphabetically by subject, thereunder alphabetically by report.

RELATED RECORDS: WATER RESOURCES BASIN DRAINAGE REPORTS, 1934-1938, Series 20999 contains further studies of the Colorado River and Great Basin water conservation projects. Series 21000 has the WATER RESOURCES MINUTES which document basin committee meetings, 1934-1941. Series 21001 contains the reports for the WATER RESOURCES GREAT SALT LAKE DIKING PROJECT, 1932-1937. Flood control efforts in Utah are contained in the WATER RESOURCES FLOOD CONTROL

HEARINGS, 1934-1940, Series 21002. MAPS, series 5597, also has maps of water resources.

PROCESSING NOTE: This series was processed by M. Call in November 1998 and updated by G. Strack in December 2004 following filming.

CONTAINER LIST

Reel	Box	Folder	Description
1	1	1	Efficiency studies; Classifications list of water resources data; 1934 (Map 1 - See oversize)
1	1	2	Efficiency studies; Critical study of a steep mountain watershed; 1936
1	1	3	Efficiency studies; Elevation map of Colorado River Basin
1	1	4	Efficiency studies; Evaporation and conduction losses from reservoirs and canals in Utah (Map 2 - See oversize)
1	1	5	Efficiency studies; Graph of Utah waters; 1934
1	1	6	Efficiency studies; Water application efficiency studies in Utah County; 1938
1	1	7	Efficiency studies; Water losses in Davis County; 1937
1	1	8	Efficiency studies; Utah cooperative snow surveys and water supply forecasts; 1935
1	1	9	Federal plans; Federal Emergency Relief Administration, water resources: irrigation, reclamation, flood control, drought relief
1	1	10	Federal plans; Federal Reclamation Projects; 1935 (Map 3 - See oversize)
1	1	11	Federal plans; Federal water resources investigations and construction projects; 1939
1	1	12	Federal plans; National Resources Board, Reclamation in Utah
1	1	13	Federal plans; National Resources Committee Recommendations on Water Resources
1	1	14	Federal plans; National Resources

Reel	Box	Folder	Description
			Committee, Snake River Basin development
1	1	15	Federal plans; Organization chart, federal to state planning boards
1	1	16	Federal plans; President approves \$250,000 allotment for Colorado River investigation; 1935
1	1	17	Federal plans; Public Works program; Irrigation, flood control, reclamation, and drought relief in Utah
1	1	18	Federal plans; Reclamation Repayment Commission; 1938
1	1	19	Federal plans; United States Department of the Interior, Bureau of Reclamation investigations; 1936
1	1	20	Federal plans; United States House of Representatives: Development of the rivers in the United States, message from the president; 1934
1	1	21	Federal plans; Water commissioner for U.S. Indian service and associated water users: Report of Lakefork and Uintah rivers; 1932
1	1	22	Great Salt Lake studies; Negatives
1	1	23	Great Salt Lake studies; Water elevations: Willard Spur, Bear River Bay; 1937 (Maps and Graphs 4 - See oversize)
1	1	24	Great Salt Lake studies; Water levels of the Great Salt Lake; 1934
1	1	25	Ground water studies; Ground Water Study All Utah; 1935
1	1	26	Ground water studies; Ground water in Salt Lake City; 1932
1	1	27	Ground water studies; Ground water in Sanpete County; 1936
1	1	28	Ground water studies; Ground water in Woods Cross, Davis County; 1937 (Maps and Graphs 5 - See Oversize)
1	1	29	Precipitation studies; Average annual precipitation of the Colorado Basin area and map of Weather Bureau stations
1	1	30	Precipitation studies; Climatic

Reel	Box	Folder	Description
			summary of the United States; 1930
1	1	31	Precipitation studies; Precipitation Colorado River drainage basin (Map 6 - See oversize)
1	1	32	Precipitation studies; Relationship between precipitation in valleys and on adjoining mountains in northern Utah; 1931
1	1	33	Proposed projects; Bingham - Tooele tunnel; 1933-1935 (Map 7 - See oversize)
1	1	34	Proposed projects; Newton Project; 1942
1	1	35	Proposed projects; Newspaper article: Experts study drought crisis in Great Basin; 1939
1	1	36	Proposed projects; Outline of Utah plan for comprehensive water utilization; 1938
1	1	37	Proposed projects; Plan to develop the Colorado river
1	1	38	Proposed projects; Proposed development of the irrigation project of the Dolores irrigation company; 1912
1	1	39	Proposed projects; Provo River Division; 1931
1	1	40	Proposed projects; Provo River Project; 1940
1	1	41	Proposed projects; Report on the proposed Lawrence Dam; 1937
1	1	42	Proposed projects; Suggestions for legislative proposals; 1937
1	1	43	Proposed projects; Utah Water Storage Commission possible power sites on the Green and Colorado Rivers; 1937 (Map 8 - See oversize)
1	1	44	Proposed projects; Vernon division addition, (Map 9 - See oversize)
1	1	45	Proposed projects; Widtsoe land use adjustment project addition, (Map 10 - See oversize)
1	1	46	Reports on projects under construction; Arizona projects; 1934-35
1	1	47	Reports on projects under

Reel	Box	Folder	Description
1	1	48	construction; Boulder Dam; 1935 Reports on projects under construction; Bureau of Reclamation list of western states' projects; 1935
1	1	49	Reports on projects under construction; Dewey Dam site; 1934
1	1	50	Reports on projects under construction; Dixie project ; 1934
1	1	51	Reports on projects under construction; Irrigation projects in Utah
1	1	52	Reports on projects under construction; Municipal water works
1	1	53	Reports on projects under construction; Ogden River project; 1937
1	1	54	Reports on projects under construction; Ogden River project; 1941
1	1	55	Reports on projects under construction; Water project list
1	1	56	Reservoir studies; Small reservoir investigations; 1936 (Map 11 - See oversize)
1	1	57	Reservoir studies; Small reservoir sites; 1935 (Map 12 - See oversize)
1	1	58	Reservoir studies; Storage reservoirs on Weber River drainage
1	1	59	Reservoir studies; Summary of investigations of reservoirs in Utah; 1938
1	1	60	Reservoir studies; Summary of reservoirs on Bear River; 1938
1	1	61	Reservoir studies; Tabulation of proposed irrigation reservoirs
1	1	62	Reservoir studies; Water storage; 1934
1	1	63	River basin surveys; Assessment rolls for Duchesne and Strawberry rivers; 1934
1	1	64	River basin surveys; Delta and Upper Sevier River drainage area land utilization survey and adjustments project; 1937

Reel	Box	Folder	Description
1	1	65	River basin surveys; Great Salt Lake - Sevier River basin report
1	1	66	River basin surveys; Preliminary report Great Salt Lake sub-basin; 1936
1	1	67	River basin surveys; Summary of the work on the Uintah Basin land utilization study; 1937 (Map 13 - See Oversize)
2	1	68	River basin surveys; Water resources of Fremont River; 1937
2	1	69	River basin surveys; Water supply of the San Juan River basin; 1934
2	1	70	Sewage control data; Data on sewage systems; 1932
2	1	71	Sewage control data; Refuse disposal in American cities; 1931
2	1	72	Sewage control data; Report of sewage disposal systems in Bingham Canyon; 1934
2	1	73	Underground water regulations; Recommendations for a uniform underground water law; 1934
2	1	74	Underground water regulations; Underground waters: public or state ownership, appropriation, and statutory regulations
2	1	75	Utah Lake studies; Deer Creek - Utah Lake survey; 1934
2	1	76	Utah Lake studies; Diversions Utah Lake and Jordan River; 1933 (Map 14 - See Oversize)
2	1	77	Utah Lake studies; Report on Utah Lake; 1934
2	1	78	Utah Lake studies; Water situation; 1935
2	1	79	Water rights; Utah County decrees
2	1	80	Water rights; Weber River
Map Drawer	Folder	Description	
32	1	Location of power generating stations; Observation wells in Utah; 1936; Water gaging stations; 1936	
32	2	Wells developed by the drought relief committee; 1934-1935; Drought relief wells	
32	3	Federal Reclamation Projects - All U.S.	
32	4	Water Investigations of Great Salt Lake; 1937; Chart II and III to accompany water investigations of Great Salt Lake; Water gaging stations in Utah;	

Map Drawer	Folder	Description
		Average annual precipitation and chart of monthly precipitation in towns; Yearly averages of water levels of Great Salt Lake and precipitation chart; 1850-1933; Diagram showing fluctuations of Great Salt Lake; 1851-1935; Oscillations of Great Salt Lake; 1850-1933;
32	5	Table I records of wells in the Woods Cross area, Davis County Table I Continued; Table I Continued; Figure 3 - Map of wells in area of Davis County; 1936; Figure 4 - Hydrograph of wells in Woods Cross area; Figure 7 - Static water levels in Woods Cross area; Figure 8 - Static water levels in Woods Cross area; Figure 9 - Observation wells in Woods Cross area; Figure 10- Change in Static water level in Woods Cross; Figure 11 - Change in Static water level in Woods Cross
32	6	Graph of water flow of Colorado River; Annual precipitation in Utah
32	7	Bingham-West Mountain mining district; Northwest Bingham and International Smelting Company Property; Tooele farmstead and transportation company
32	8	Possible Power sites; Possible reservoirs sites near St. George
32	9	Vernon Division and addition
32	10	Widtsoe Addition
32	11	Map of State of Utah reservoirs and drainage area boundary
32	12	Map of State of Utah Proposed Storage Reservoirs
32	13	Map of Uintah and Great Basin water developments and land classifications
32	14	Contours of Utah Lake bed; Utah Lake Drainage Basin; Utah Lake levels and capacities; Utah Lake precipitation